1985 1985	dense_units	learning_rate	dropout_rate	activation	use_batch_norm	optimizer	regularization_type	l1_reg	I2_reg	batch_size	epochs	I1_ratio	Trial ID	Final Validation Loss
A. C. C. C. C. C. C. C.	8	0.0001	0.30000000000000004	tanh	False	rmsprop	elasticnet	2.495292541104896e-05	.9574723271564337e-0	128	50	0.7000000000000001	44	0.11579283177852631
March Marc	32	0.0001	0.2	relu	True	rmsprop	12 3	.0236256108483392e-0	5.272011925092078e-05	64	50	0.5	14	0.11568246334791184
15	24	0.01	0.2	relu	True	rmsprop	l1	3.41317008624661e-05	6.796767281781601e-05	64	50	0.5	16	\textbf{0.1130598247051239}
2.5	16	0.001	0.2	relu	False	sgd	elasticnet	1.930834432619833e-0 <u>5</u>	.6143082283313384e-0	128	30	0.0	17	0.11688867360353469
Column	16	0.0001	0.2	tanh	False	sgd	l1	4.535112838518064e-05	4.053583198174984e-05	32	30	0.4	35	0.12194083631038666
Control	24	0.001	0.0	relu	False	adam	l1 1	.1543986854010925e-0	2.239866826272213e-05	16	40	0.0	07	0.11304468512535096
24	32	0.001	0.30000000000000004	relu	True	adam	l1	6.414649888329168e-05	4.392714568148902e-05	16	30	nan	01	0.11305004954338074
2	24	0.001	0.30000000000000004	tanh	True	adam	I2	7.325401901037484e-05	.9031887956505194e-0	32	30	0.60000000000000001	39	0.11305370330810546
24	24	0.0001	0.2	tanh	False	adam	12	1.909361571168447e-05	.9062805639246814e-0	16	15	0.5	42	0.11372310817241668
10	32	0.01	0.2	relu	True	rmsprop	I2	6.128379729952538e-05	.8150350697627047e-0	64	15	0.70000000000000001	34	0.11328455060720444
Book Control	24	0.001	0.30000000000000004	selu	True	sgd	l2 1	3791767316773848e-0	.5782320900138702e-0	64	15	0.9	12	0.11764341294765472
Fig. Col. D.C. Fig. Col. Sept.	32	0.001	0.1	relu	False	rmsprop	l1	1.483166815440003e-05	1.187393107123155e-05	32	40	0.30000000000000004	38	0.11421809494495391
Second Column	8	0.001	0.4	tanh	True	adam	12	9.317705027106565e-05	.8550538729090275e-0	16	30	0.70000000000000001	21	0.11304395496845246
1	8	0.001	0.0	relu	True	sgd	elasticnet 1	.6349595736158743e-0	.5694583083978045e-0	64	15	0.0	33	0.11684214174747468
6	8	0.001	0.2	selu	False	sgd	12	3.588020945542207e-05	.5946949841404117e-0	128	30	0.1	15	0.12073229402303695
Section Color Co	24	0.01	0.1	relu	False	sgd	12 1	.0783835379059664e-0	3.055503740536173e-05	128	15	0.70000000000000001	08	0.12046387642621995
1.0 1.0	8	0.0001	0.4	tanh	True	adam	12	5.285286334914404e-05	8.962069766181623e-05	32	50	0.0	31	0.11355722695589066
1	8	0.0001	0.0	selu	True	adam	12 1	.9021429597547853e-0	2.670988705751105e-05	32	50	0.7000000000000001	37	0.11357908993959427
Mathematical Math	32	0.001	0.0	tanh	False	sgd	elasticnet	1.776387368285758e-05	.9684331923643376e-0	128	30	0.0	22	0.11722895801067353
14	8	0.01	0.2	relu	True	rmsprop	l1	1.163587800864958e-05	.2857149704682208e-0	32	30	0.9	36	0.11304598450660705
13	24	0.001	0.0	selu	True	adam	l1	4.773906519866916e-05	.2110389487154738e-0	32	15	0.4	48	0.11324642151594162
1.0 1.0	24	0.0001	0.30000000000000004	selu	True	rmsprop	elasticnet 2	.0349417482531968e-0	.4097622569660698e-0	16	40	0.0	06	0.11448118984699249
24 0.001	32	0.0001	0.1	tanh	True	rmsprop	l2 1	.0816096043861342e-0	.2264494184513744e-0	64	30	0.30000000000000004	05	0.11601927578449249
8 0.001 0.30000000000000000000000000000000000	32	0.001	0.2	tanh	False	rmsprop	12	6.846881757825893e-05	.5796398035122707e-0	32	15	0.4	46	0.11358197629451752
24	24	0.001	0.30000000000000004	relu	False	adam	elasticnet	4.146006099198277e-05	1.744967096084219e-05	128	15	0.5	04	0.11390602588653564
32 0.0001	8	0.001	0.300000000000000004	tanh	False	adam	elasticnet 3	.5641116673163474e-0	.3455929805531916e-0	32	50	0.1	28	0.11304565370082856
8 0.001 0.4 reu Tue Pale ggd 11 0.040102133694369038169 32 30 0.60000000000000 41 teah(0.1337891588887592886691 32 0.0001 0.1 reu Tue Pale ggd 11 0.040102133694369400 128 50 0.5 18 teah(70.113459158888691 32 0.0001 0.1 reu Tue Tue ggd 11 0.04010213369436925716600 3716746427574600 128 50 0.5 18 teah(70.113459158888691 128 0.0001 0.00000000000000000000000000000	24	0.0001	0.1	selu	False	rmsprop	elasticnet 2	.3847705460531355e-0	B.962501750759515e-05	128	50	0.9	27	0.11790187507867814
B	32	0.0001	0.1	tanh	False	sgd	12	3.127365907468583e-05	1e-05	16	15	nan	00	\textbf{0.1171555370092392}
Second Second Second Second True Second Sec	8	0.0001	0.4	relu	True	rmsprop	l2 1	.2667906599610054e-0	1.328483856200383e-05	32	30	0.60000000000000001	41	0.11379851698875428
24 0.01 0.30000000000000000000000000000000000	8	0.001	0.4	selu	False	sgd	l1	3.040102153629443e-05	.9520295378549144e-0	128	40	0.300000000000000004	40	0.11848919838666916
16 0.001 0.4 tanh True rmsprop elasticnet 3.76015327494875e.0 4.78615529869573e.0 16 50 0.5 0.3 text bf(0.11586903184652.9 to 0.01 0.0 0.0 reiu True rmsprop elasticnet 0.9726765000022e.0 596332284933984e.0 16 15 0.30000000000000000000000000000000000	32	0.0001	0.1	relu	True	sgd	l1 6	.0249844935255746e-0	.0371647546423754e-0	128	50	0.5	18	0.12843742370605468
24 0.01 0.0 relu True mrsprop elasticnet 1.997267665000022e-0 983362284933984e 16 15 0.3000000000000 23 \text{tots} tots[0.113041792809952] 24 0.001 0.0 \text{tots} 1.0 \text	24	0.01	0.30000000000000004	selu	True	adam	l1 1	.8595560365987967e-0	.4076507593611624e-0	32	40	0.5	09	0.11306459903717041
24 0.001 0.0 tanh True adam 12 56597489132628-0 516324314394117e-0 64 50 0.9 26 textfo(1.1304850288887) 24 0.0001 0.2 selu True adam 12 7.734645132894952-0 38610200910044e-0 32 40 0.2 10 textfo(1.1798787415276) 24 0.0001 0.2 relu False adam 11 6.206401089357-0 3.6810200910044e-0 32 30 0 0.8 13 textfo(1.167003335887) 25 0.0001 0.1 relu False adam 11 0.82052468731466e-0 5.282864348706546e-0 64 15 0.4 24 textfo(1.167045335887) 26 0.0001 0.1 selu False mrsprop elasticut 128737059011534e-0 2.97588361415186e-0 16 40 0.700000000000 129 textfo(1.1471788937132) 27 0.0001 0.3000000000000 tanh True msprop 11 0.446835275916e-0 4.97579162710888-0 32 50 0.1 19 textfo(1.130458903838) 28 0.0001 0.3000000000000 tanh True adam 11 77142518587416re 0.32751256390424e 0.001 0.3000000000000 tanh True adam elasticut 3.616511284136e-0 3.2751256390424e 0.001 0.30000000000000 tanh True adam 12 77142518587416re 0.32751256390424e 0.001 0.30000000000000 tanh True adam 12 77142518587416re 0.32751256390424e 0.001 0.30000000000000 tanh True adam 12 77142518587416re 0.32751256390424e 0.001 0.300000000000000 tanh True adam 12 77142518587416re 0.32751256390424e 0.001 0.30000000000000 tanh True adam 12 77142518587416re 0.32751256390424e 0.001 0.3000000000000000 tanh True adam 12 77142518587416re 0.32751256390424e 0.001 0.30000000000000 tanh True adam 12 77142518587416re 0.32751256390424e 0.001 0.3000000000000000000000000000000	16	0.0001	0.4	tanh	True	rmsprop	elasticnet	8.176015327494875e-05	.4478615529969573e-0	16	50	0.5	03	0.11586903184652328
24 0.0001 0.2 selu True adam 12 7.54645432894952e0 3.86810200901044e0 32 40 0.2 10 techt[0.117987874150278] 2	24	0.01	0.0	relu	True	rmsprop	elasticnet	1.997267665000022e-0 <u></u>	.9983362284933984e-0	16	15	0.300000000000000004	23	0.11304179280996322
24 0.0001 0.2 relu False adam 11 6.206410899357-e05 5.540643493206451e-05 32 30 0.8 13 text bf(0.116670033335865] 24 0.0001 0.1 relu False adam 11 9.820524863731466e-05 2.592864548705546e-0 64 15 0.4 24 text bf(0.12619452925353] 24 0.0001 0.1 selu False msprop elasticnet 1.287370594011534e-05 .297588361415186e-0 16 40 0.7000000000000 19 text bf(0.1143778890371354] 24 0.001 0.30000000000000 tanh False msprop 11 1.644683652759161e-05 4807794757377008e-0 128 50 0.7000000000000 11 text bf(0.1140548810362815) 25 0.001 0.3000000000000000000000000000000	24	0.001	0.0	tanh	True	adam	12	3.658974889132628e-05	4.516324314394117e-05	64	50	0.9	26	0.11304858028888702
24 0.0001 0.2 relu False adam II 6.2064010899357-05 5.540643493206451e-05 32 30 0.8 I3 textb[(0.11667003333585] 4 0.0001 0.1 relu False adam II 9.82052486373166e-05 2.825864548706546e-0 64 15 0.4 24 textb[(0.12619452923536] 4 0.0001 0.1 selu False msprop elasticnet I.287370594011534e-05 2.927588361415186e-0 16 40 0.70000000000000 29 textb[(0.11617089335785] 4 0.001 0.2 tanh False msprop II 1.644683652759161e-05 480779475377008e-0 128 50 0.70000000000000 11 textb[(0.1141708995959308] 4 0.001 0.3000000000000000 1 1 textb[(0.1141708995959308] 4 0.001 0.3000000000000000000000000000000	24	0.0001	0.2	selu	True	adam	12	7.754645432894952e-0 <u></u>	.3868102009010044e-0	32	40	0.2	10	0.11798787415027619
32 0.0001 0.1 relu Faise adam II 3.82052486731466e-05 258286458706546e-0 64 I5 0.4 24 Vextbf(0.12619452923536) 0.24 0.0001 0.1 selu Faise rmsprop elasticnet 1.287370594011534e-05 29758351415186e-05 16 40 0.7000000000000 29 Vextbf(0.114377889037132 20 0.0000 0.00000000000 0.00000000000			 				l1				30			0.11667003333568574
24 0.001 0.1 selu False rmsprop elasticnet 1287370594011534e-0 2.97588361415186e-0 16 40 0.7000000000000 29 text bf(0.114377889037132 20 20 20 20 20 20 20 20 20 20 20 20 20	32			relu			l1		<u> </u>			0.4		
1		0.0001		selu		rmsprop	elasticnet 1	.1287370594011534e-0	2.297588361415186e-05	16		0.70000000000000001	29	0.11437788903713227
8 0.0001 0.300000000000000000000000000000	24	0.01	+		+			1.644683652759161e-05	.4807794753770008e-0		50	0.1		0.11310599595308304
8 0.001 0.4 tanh True adam II .771425185874167e-0 .3275412563390424e-0 16 15 0.2 25 tte tbf{0.11452133953771} 2 24 0.001 0.3000000000000 tanh True adam l2 7.502678647702605e-0 .3892479052016674e-0 32 30 0.3000000000000 45 tte tbf{0.11452133953571} 2 24 0.001 0.3000000000000 tanh True adam l2 7.502678647702605e-0 .3892479052016674e-0 32 30 0.3000000000000 45 tte tbf{0.11304371654987386} 3 36 0.30000000000000 45 tte tbf{0.11304371654987386} 3 37 0.30000000000000 45 tte tbf{0.11304371654987386} 3 38 0.300000000000000 45 tte tbf{0.11304371654987386} 3 38 0.30000000000000 45 tte tbf{0.11304371654987386} 3 38 0.300000000000000 45 tte tbf{0.11304371654987386} 3 38 0.300000000000000 45 tte tbf{0.11304371654987386} 3 38 0.300000000000000 45 tte tbf{0.11304371654987386} 3 38 0.3000000000000000 45 tte tbf{0.11304371654987386} 3 38 0.3000000000000000 45 tte tbf{0.11304371654987386} 3 38 0.300000000000000 45 tte tbf{0.11304371654987386} 3 38 0.300000000000000 45 tte tbf{0.11304371654987386} 3 38 0.300000000000000 45 tte tbf{0.11304371654987386} 3 38 0.30000000000000000000000000000000000	8	0.0001	0.30000000000000004	tanh	True		I2	4.541375751862715e-05	4.591072291018543e-05			0.70000000000000001	11	0.11405488103628159
24 0.001 0.3000000000000000000000000000000	8	0.0001	0.4	tanh							15	0.2		\textbf{0.1145213395357132}
24 0.001 0.3000000000000000000000000000000	24		0.300000000000000004	tanh		adam								0.11304371654987336
16 0.001 0.1 selu True rmsprop 12 5.153927835169363e-0 2346562802942247e-0 128 30 0.30000000000000 20 \textbf{0.113406385481357} 82 \textbf{0.113406385481357} 83 \textbf{0.113406385481357} 84 \textbf{0.113406365481357} 84 \textbf{0.113406365481357} 84 \textbf{0.113406365481357} 84 \textbf{0.113406365481357} 84 \textbf{0.113406365481357} 84 0.11340636548135	24	0.001	0.300000000000000004	tanh		adam	I2	7.502678647702605e-05	.3892479052010674e-0		30	0.30000000000000004	45	0.11305439025163651
24 0.0001 0.2 selu True adam l1 5.330169981635701e-05.1945728236321364e-0 64 30 0.8 32 \textbf{0.119518309831619}26 64 16 0.001 0.2 selu False sgd elasticnet 5.724060214851802e-05.167361793373976e-05 128 40 0.70000000000000 49 \textbf{0.1277957797050476} 64 30 0.0 0.70000000000000 49 \textbf{0.1277957797050476} 64 30 0.70000000000000 49 \textbf{0.1277957797050476} 64 30 0.700000000000000 49 \textbf{0.1277957797050476} 64 30 0.700000000000000 49 \textbf{0.113047792017459}87 64 30 0.0 0.0 0.0 \textbf{0.113047792017459}87 64 30 0.0	16			selu	+							0.30000000000000004	20	0.11340638548135758
16 0.001 0.2 selu False sgd elasticnet 5.724060214851802e-057.167361793373976e-05 128 40 0.700000000000 49 \textbf{0.1277957797050476} 24 0.01 0.30000000000004 relu True adam elasticnet 2.463353446944066e-01.1947733869039456e-0 16 30 0.0 02 \textbf{0.11304779201745987} 16 0.01 0.00 relu True adam elasticnet 1.2732420983801633e-01.3329748297275247e-0 128 15 0.5 30 \textbf{0.113066007196903}									<u> </u>					0.11951830983161926
24 0.01 0.300000000000000 relu True adam elasticnet 2.463353446944066e-01.194773386903945e-0 16 30 0.0 02 \textbf{0.11304779201745987} 16 0.01 0.00 relu True adam elasticnet 1.2732420983801633e-01.3329748297275247e-0 128 15 0.5 30 \textbf{0.113066007196903}		<u> </u>	+											\textbf{0.1277957797050476}
16 0.01 0.0 relu True adam elasticnet 1.2732420983801633e-01.3329748297275247e-0 128 15 0.5 30 \textbf{0.113066007196903}		<u> </u>									30		02	0.11304779201745987
	16					adam	elasticnet 1					0.5	30	0.11306600719690323
			0.30000000000000004											